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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/365,731	08/03/1999	GLEN J. ANDRESON	98-739GTW105	2165

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EXAMINER

NGUYEN, THOMAS T

ART UNIT

PAPER NUMBER

2173

DATE MAILED: 01/16/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

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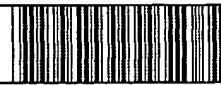
Office Action Summary

Application No.
09/365,731

Applicant(s)
Anderson et al.

Examiner
THOMAS T. NGUYEN

Art Unit
2173



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on _____
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 3 20) ☐ Other:

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DETAILED ACTION

Specification

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1,3-4,8-12,14-15,19-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Berry et al. U.S Patent No. 4,789,962

As per claim 1: Berry et al., hereinafter Berry, teaches the following:

A computer system and method comprising:

first display means for displaying a main window of an application program (16);

second display means for displaying auxiliary information (17) related to the application program; and

means, responsive to the application program, for separately routing the main window to the first display means and the auxiliary information to the second display means so that display of the auxiliary information does not overlap display of the main window (Abstract, Summary, Fig.3,5).

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As per claim 3: Berry teaches the auxiliary information including help information from a help information data base included in the application program (Fig.3).

As per claim 4: Recite from claim 1, Berry teaches the first (16) and second (17) display means constitute different portions of a screen on a single display device (Fig.3).

As per claim 8: Recite from claim 1, Berry's system further comprises intercepting means for intercepting a user request; and the routing means routes the auxiliary information to the second display means in response to the intercepting means interception of the user request (Fig.3,5).

As per claim 9: Recite from claim 8, Berry teaches the user request is an invocation of a help function in the application program; and the routing means constitutes means for routing help information inherently from a help data base in the application program to the second display means (Fig.5).

As per claim 10-11: Recite claim 1, Berry teaches a means for continually monitoring an active window in the application program; and the routing means constitutes means for automatically routing to the second display means, auxiliary information/ help information that corresponds to a window that the monitoring means determines to be the active window (col.5 line 1-14, Fig.3,5).

Regarding claims 12,14-15,19-22 are recited similarity features from claims rejected from above and they are believed to be reject for the same reasons.

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Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2,5-7,13,16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Berry et al. U.S Patent No.4,789,962 and Endres et al. U.S Patent No. 6,104,359

As per claim 2: Recite claim 1, Berry teaches the routing means in multi display means of different portions of a screen on a single display device in an operating system of the computer system but does not teach in detail which includes a multimonitor support feature inherent in an operating system of the computer system. However, it is known in the art the multimonitor can be support in the window operating system. For instance, *Endres et al.*, hereinafter *Endres*, explicitly teaches the routing means includes a multimonitor support feature inherent in an operating system of the computer system (summary, Figs.2).

Therefore, *it would have been obvious to one of ordinary skill in the relevant art at the time of invention was made to use Endres's multimonitor support with Berry's system to prevent problem of screen clutter may occur when an end-user has a large number of display regions open on the monitor at the same time in which tends to confuse the end-user and reduce user / system efficiency.*

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As per claim 5: Recite from claim 1, Berry teaches the multi display means of different portions of a screen on a single display device in an operating system of the computer but does not teach the first and second display means constitute respective first and second physically separate display devices. However, it is known in the art that the multi physical monitors can be support in the window operating system. For instance, *Endres* explicitly teaches the first and second display means constitute respective first and second physically separate display devices (Abstract, summary, Fig.2). Therefore, *it would have been obvious to one of ordinary skill in the relevant art at the time of invention was made to use Endres's first and second physical monitor with Berry's system to display first and second related window to prevent problem of screen clutter may occur when an end-user has a large number of display regions open on a single monitor at the same time in which tends to confuse the end-user and reduce user / system efficiency.*

As per claim 6-7: *Endres* inherently teaches the display device can be physically smaller than the first display device (col.15 line 62-67); and have a lower resolution than the first display device (col.4 line 38-65, summary).

Regarding claims 13,16-18 are recited similarity features from claims rejected from above and they are believed to be reject for the same reasons.

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Prior Art

The *Prior Art* made of record and not relied upon is considered pertinent to applicant's disclosure


US. Patents: 5,923,307 5,621,904 4,360,345 5,287,448 6,018,340 5,880,731

Conclusion

Any inquiry concerning this communication or earlier communications should be directed to the Patent Examiner **Thomas Nguyen**, whose telephone number is (703) 308-7240 (Monday to Friday 10:30 - 7:00 ET) or *John W. Cabeca* Supervisory Patent Examiner (703) 308-3116. Other inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900 and Official-Fax number (703) 746-7239 for After Final (703) 746-7238. Please label properly on the cover page of facsimile communications.

Thomas T. Nguyen

January 12, 2001


JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100